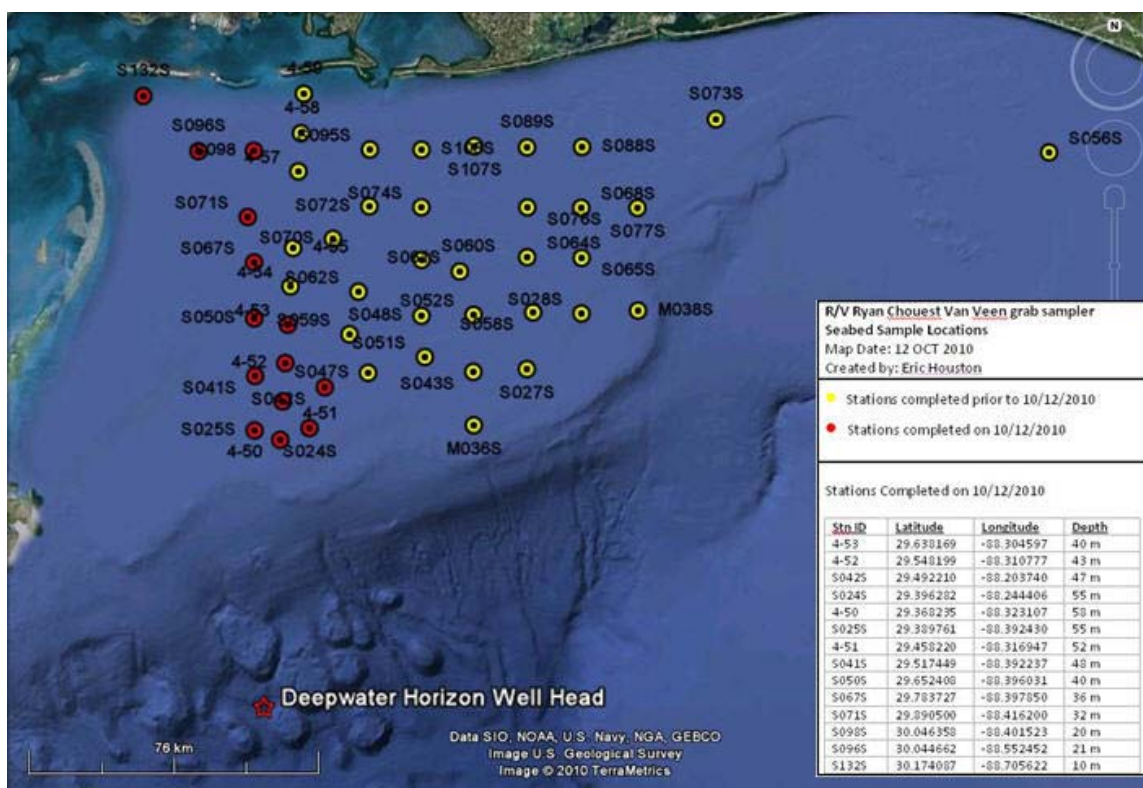


Seabed Grab Sampling Operations	
Vessel	R/V Ryan Chouest
Summary Report Number	06
Operating equipment	Van Veen grab (0.1 square m)
Date	12 October 2010
Completed casts (24 hr)	14
Report complied by	Eric Houston

Seabed sampling locations



Grab samples were processed and stored in accordance with SOPRC01. Where grab volume was sufficient samples of sediment were taken, prepared and stored (frozen - 20°C) for hydrocarbon, trace metal, BTEX, grain size, total inorganic carbon (TIC) total organic carbon (TOC) and Microtox™ toxicology analysis onshore.

Core samples were taken from the grab sediments where sample depth allowed using core sections OD 110mm to a depth 0-3cm.

Station 4-53

Lat: 29.638175

Long: -88.304604

00:15 (CDT)

Sediment

Recovery: Total 4 grabs attempts. Sample taken from grab #4

Visible contamination: None

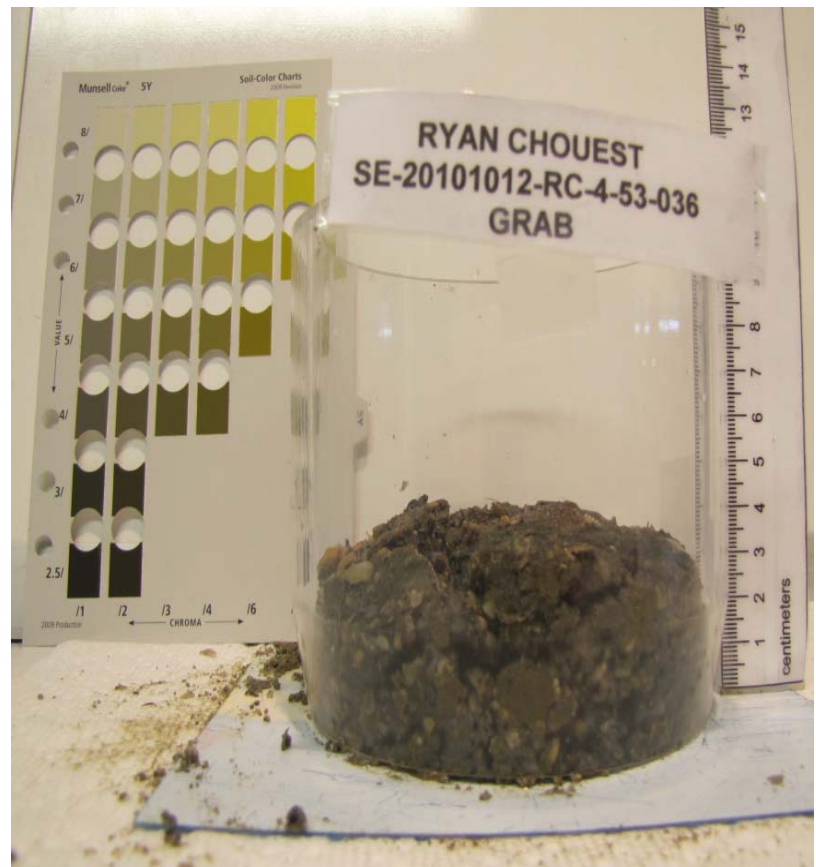
Olfactible contamination: None

Description: Mixture of silt, fine sand and broken shells. Poorly sorted.

Color: Dark Olive Grey 5Y 3/2

Remarks: None

Biota: None



Station 4-52

Lat: 29.548203

Long: -88.310775

01:43 (CDT)

Sediment

Recovery: Total 3 grabs attempts. Sample taken from grab #3

Visible contamination: None

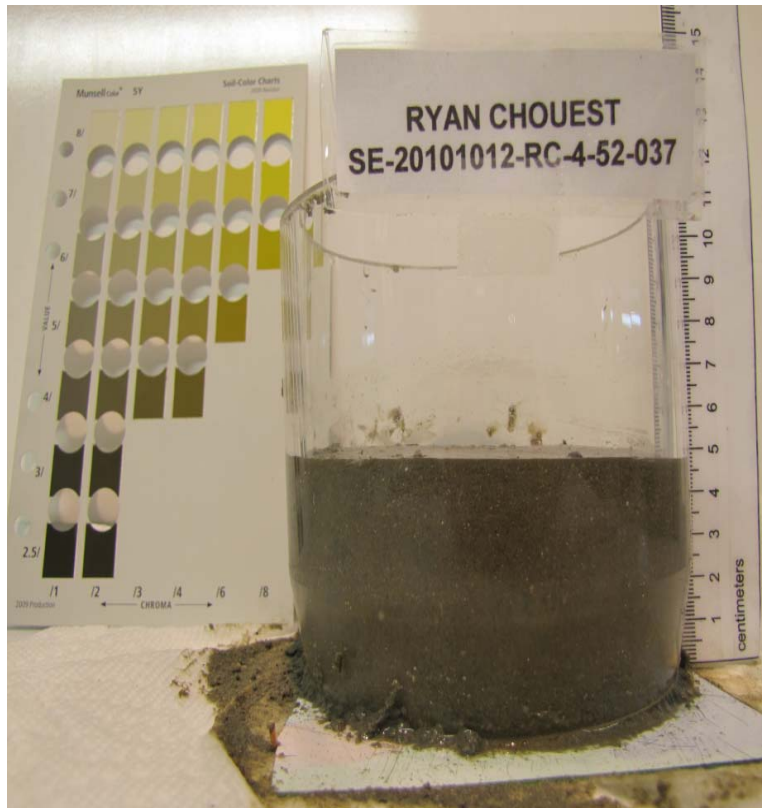
Olfactible contamination: None

Description: Silty. No layer.

Color: Dark olive gray 5Y 3/2

Remarks: None

Biota: Bivalves



Station S042S

Lat: 29.492203

Long: -88.203738

03:48 (CDT)

Sediment

Recovery: Total 4 grabs attempts. Sample taken from grab #4

Visible contamination: None

Olfactible contamination: None

Description: Very fine sand and silt. No layer.

Color: Dark olive gray 5Y 3/2

Remarks: None

Biota: Some biotic plants and algae on surface



Station S024S

Lat: 29.396276

Long: -88.244403

05:04(CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination: None

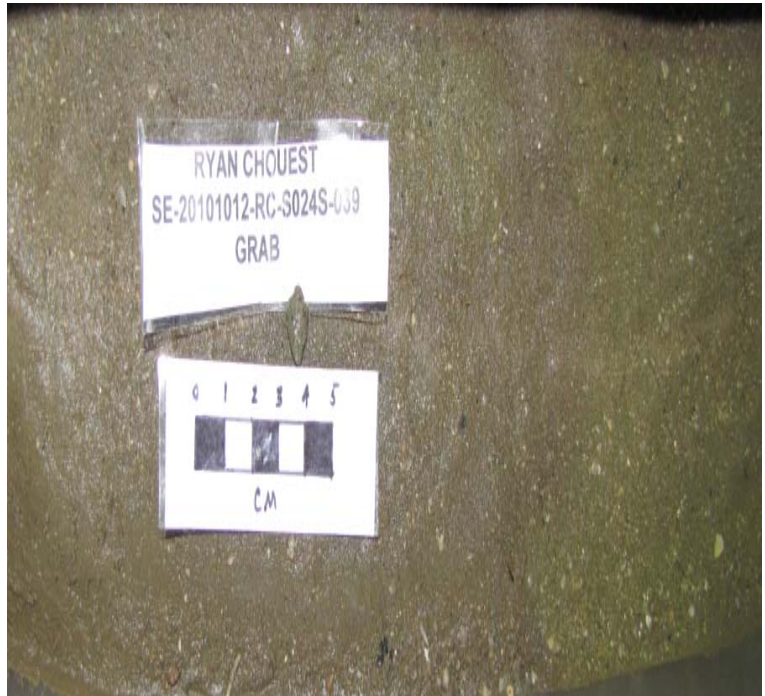
Description: Fine grain sand and silt with sparsely shell fragments. Poorly sorted. 2 layers.

Color: Top Layer: Dark olive Gray 5Y 3/2

Bottom Layer: Dark Gray 5Y3/1

Remarks: None

Biota: None



Station 4-50

Lat: 29.368244

Long: -88.323105

06:50(CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination:
None

Description: Fine sand and silt. 2 layers.

Color: Top Layer: Dark olive Gray 5Y 3/2

Bottom Layer: Dark Gray 5Y3/1

Remarks: None

Biota: None



Station S025S

Lat: 29.389763

Long: -88.392433

07:47 (CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfaetible contamination:
None

Description: Medium grain sand and silt. No layers. Poorly sorted.

Color: Top Layer: Dark olive Gray 5Y 3/2

Remarks: None

Biota: Many bivalves, crab like welks, algae and marine plants



Station 4-51**Lat: 29.458225****Long: -88.316944****09:07 (CDT)****Sediment**

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfaftible contamination: None

Description: Silt and coarse sand. 2 layers. Poorly sorted.

Color: Top Layer: Dark olive Gray 5Y 3/2

Bottom Layer: Dark Gray 5Y3/1

Remarks: None

Biota: Bivalves and small marine life



Station S041S

Lat: 29.517445

Long: -88.3922231

10:23 (CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination: None

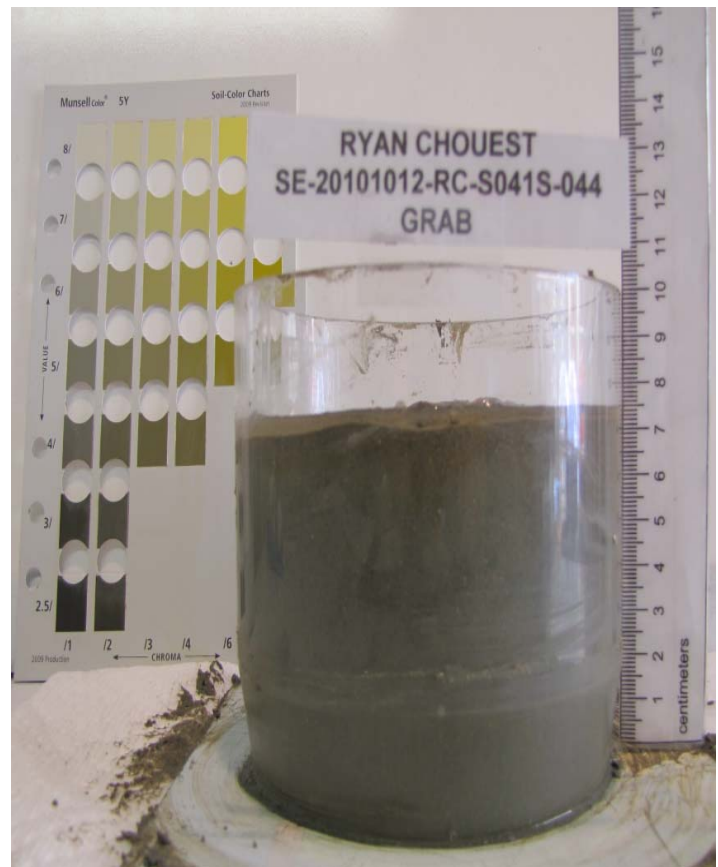
Description: Silt. 2 layers. Well sorted.

Color: Top Layer: Dark olive Gray 5Y 3/2

Bottom Layer: Dark Gray 5Y3/1

Remarks: None

Biota: Worms and bivalves



Station S050S

Lat: 29.652399

Long: -88.396043

11:45 (CDT)

Sediment

Recovery: Total 2 grab attempt. Sample taken from grab #2.

Visible contamination: None

Olfaetible contamination: None

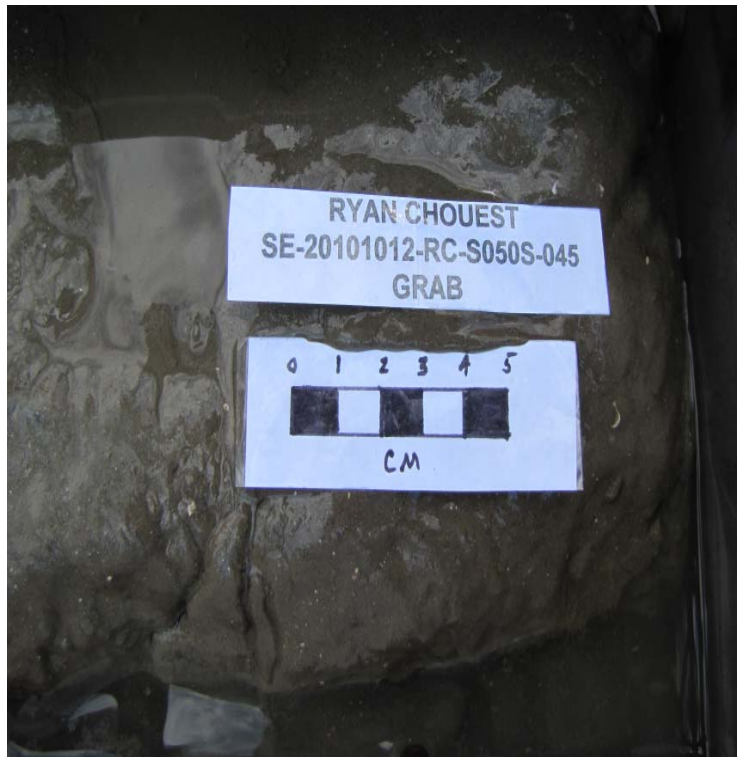
Description: Wet muddy silt

Color: Top Layer: Dark olive
Gray 5Y 3/2

Bottom Layer: Dark Gray
5Y3/1

Remarks: None

Biota: Worms and bivalves



Station S067S

Lat: 29.783740

Long: -88.397836

13:21 (CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

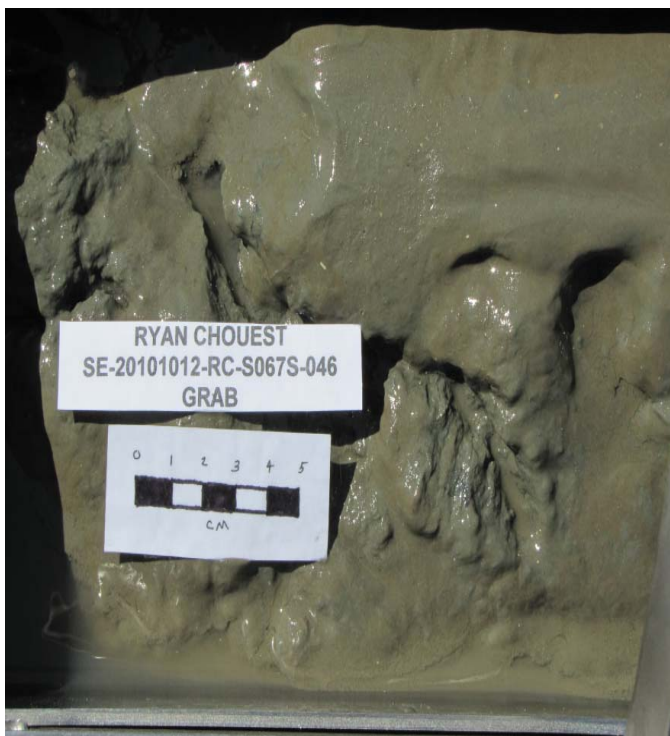
Olfactible contamination: None

Description: Wet Clayey silt

Color: Top Layer: Greenish
Black GLEY1 2.5/1 (10Y)

Remarks: None

Biota: Sea Squirt



Station S071S

Lat: 29.890493

Long: -88.416185

14:52 (CDT)

Sediment

Recovery: Total 2 grab attempt. Sample taken from grab #2.

Visible contamination: None

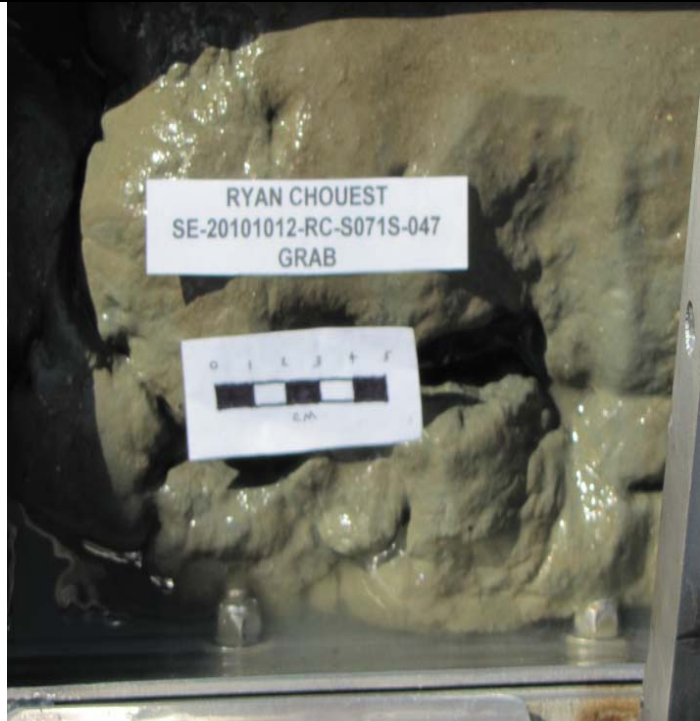
Olfactible contamination: None

Description: Wet Clayey silt

Color: Top Layer: Greenish
Black GLEY1 5GY 2.5/1

Remarks: None

Biota: None



Station S098S

Lat: 30.046363

Long: -88.400845

17:29 (CDT)

Sediment

Recovery: Total 4 grab attempt. Insufficient sediment, no sample taken

Visible contamination: None

Olfactible contamination: None

Description: none

Color: Top Layer: none

Remarks: None

Biota: None



Station S096S

Lat: 30.044674

Long: -88.552458

19:10 (CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination:
Slightly musky

Description: Silty

Color: Top Layer: Greenish
Black GLEY1 3/1 (10Y)

Remarks: None

Biota: Polychaetes



Station S132S

Lat: 30.174089

Long: -88.705623

21:06 (CDT)

Sediment

Recovery: Total 1 grab attempt. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination: none

Description: Fine Clayey Silt

Color: Top Layer: Greenish
Black GLEY1 2.5/1 (5GY)

Remarks: None

Biota: Polychaetes and snails

